Page 1 (Other Documents)

FORM PTO-1449 Modeled List of Patents and Publications City U.S. Patent Trademark Office y Applicant U.S. App. No.: 10/045,090
Filed: January 14, 2002
Group: 1617
Applicant: Rosenbloom
Docket No.: QUIG-1006USCIP

Examiner	Item	Docket No.: QUIG-1006USC
i .	1	Other Beaumonts (Including Author Title Bate Leasting and Butter 4 B
Initial	No.	Other Documents (Including Author, Title, Date, Location and Pertinent Pages)
<u></u>	100	Pathological Mechanism Of Ionizing Radiation
	20D	Possible-Mechanisms of QR-336 Re. Radioprotection, pages 1-2
1 54 CV	Y	Walker RI, "Requirements Of Radioprotectors For Military and Emergency Needs",
	3OD	PubMed Abstract, Pharmacol Ther. 1988;39(1-3):13-20
		Weiss et al., "Protection Against Ionizing Radiation by Antioxidant Nutrients And
	4QD	Phytochemicals, PubMed Abstract, Toxicology. 2003 Jul 15;189(1-2):1-20
		Packer, et al, "Alpha-Lipoic Acid As A Biological Antioxidant", Free Radical Biology &
	5OD	Medicine, Vol. 19, No. 2, pp. 227-247, 1995
		Kumar, et al, "Nutritional Approaches to Radioprotection: Vitamin E, PubMed Abstract.
1 !	6OD	Mil Med. 2002 Feb;167(2 Suppl):57-9.
		Weiss et al., "Radioprotection By Antioxidants", PubMed Abstract, Ann NY Acad Sci.
1 1	70D	2000;899:44-60.
	102	Petryna, "Efect Of Gamma-Radiation On The Content Of Vitamin E In Rats, PubMed
	80D	Abstract, Ukr Biokhim Zh. 2002 May-Jun;74(3):104-8.
	000	Boloor et al., "Chlorophyllin As A Protector Of Mitochondrial Membranes Against Gamma-
		Radiation And Photosensitization, PubMed Abstract, Toxicology, 2000 Nov. 30:155(1-
	9OD	3):63-71.
	900	Kamat et al, "Chlorophyllin As An Effective Antioxidant Against Membrane Damage In
1		Vitro and Ex Vivo, PubMed Abstract, Biochim Biophys Acta. 2000 Sep 27:1487(2-3):113-
	1000	
<u> </u>	100D	27.
1 1	4400	Kumar, et al, "Scavenging Of Reactive Oxygen Species By Chlorophyllin: An ESR Study,
	110D	PubMed Abstract, Free Radic Res. 2001 Nov;35(5):563-74.
	4000	Devasagayam et al., "Prevention of Singlet Oxygen-Induced DNA Damage By Lipoate,
	120D	PubMed Abstract, Chem Biol Interact. 1993 Jan;86(1):79-92,
	4000	Riley, "Free Radicals In Biology: Oxidative Stress and The Effects Of Ionizing Radiation",
	130D	PubMed Abstract, Int J Radiat Biol. 1994 Jan;65(1):27-33
1.		Brach, et al, "Ionizing Raditation Induces Expression And Binding Activity of The Nuclear
	140D	Factor Kappa B, PubMedAbstract, J Clin Invest. 1991 Aug; 88(2):691-5.
		Property of all "Activation Of Nuclear Factor Kanna B. In Number 1 works bloomed Online B.
	150D	Prasad et al, "Activation Of Nuclear Factor Kappa B In Human Lymphoblastoid Cells By
	וטטט	Low-Dose Ionizing Radiation, PubMed Abstract, Radiat Res. 1994 Jun;138(3):367-72
		Thou et al. #A High Dage Of installed Bodistics Indiana Time O. 18 A 11 11 25
	4000	Zhou, et al., "A High Dose Of ionizing Radiation Induces Tissue-Specific Activation Of
	16QD	Nuclear Factor-KappaB In vivo, PubMed Abstract, Radiat Res. 1999 Jun;151(6):703-9.
		Morales-Ramirez et al., "Effect Of Chlorophyllin On Gamma Ray Induced Micronuclei In
	4707	Polychromatic Erythrocytes Of Murine Peripheral Blood Determined By The ABC
	170D	Strategy, PubMed Abstract, Mutat Res 1996 Feb;367(2):51-6.
		Biewenga et al., "The Pharmacology Of The Antioxidant Lipoic Acid", PubMed Abstract,
	180D	Gen Pharmacol. 1997 Sep;29(3):315-31.
		Sokoloski et al., "Induction Of the Differentiation Of HL-60 Promyelocytic Leukemia Cells
		By Vitamin E and Other Antioxidants In Combination With Low Levels Of Vitamin D3:
		Possible Relationship To NF-KappaB, PubMed Abstract, Leukemia. 1997
	190D	Sep;11(9):1546-53.
-CA	Y	Zimmer, et al., "Influence of Alpha-Lipoic Acid On Intracellular Glutathione In Vitro And In
	20OD	Vivo; 42:6:829-31 (1992).
		Ramakrishnan-et al., "Radioprotection of Hematopoietic Tissues In Mice By-Lipoic Acid,"
·	210D	Knowledge Express Abstract.
L		

DATE CONSIDERED:

Page 2 (Other Documents)

FORM PTO-1449 Modified
List of Patents and Publications Cited Of U.S. Patent Trademark Office ADEMA Applicant U.S. App. No.: 40/045,090
Filed: January 14, 2002
Group: 1617
Applicant: Rosenbloom

Docket No.: QUIG-1006USCIP

Evan	niner	Item	
Initia		No.	Other Documents (Including Author, Title, Date, Location and Pertinent Pages)
IIIIII) NO.	Packer, "Alpha-Lipoic Acid: A Metabolic Antioxidant Which Regulates NF-Kappa B
1	24 D	Y	Signal Transduction And Protects Against Oxidative Injury, PubMed Abstract, Drug Metal
17		22OD	Rev. 1998 May;30(2):245-75.
<u> </u>		2200	
, ,	. A	2200	Munker et al., "A New Series Of vitamin D Analogs Is Highly Active For Clonal Inhibition
-			Differentiation, And Induction of WAF1 in M Leukemia
-			Jung et al., Pusan-Women's Junior-College.
<u> </u>		2 300	Packer, "Alpha-Lipoic Acid, 30:2:245-275 (1998)
1	2f]	0000	Scott, et al., "Lipoic And Dihydrolipoic Acids As Antioxidants. A Critical Evaluation:
	+-/	26OD	20:2:1 19-33 (1994).
1	1	0700	Suzuki et al, "Antioxidant Activities Of Dihydrolipoic Acid And Its Structural Homologues:
	<u> </u>	27OD	18:2:115-22 (1933)
		2222	Suzuki et al., "Alpha-Lipoic Acid Is A Potent Inhibitor of NF-Kappa B Activation In Human
	 	28OD	T Cells: 189:1709-15 (1992)
			Iwata et al., "Differential Regulation Of Vitamin D Receptors In Clonal Populations Of A
	ļ	29OD	Chronic Myelogenous Leukemia Cell Line, Exp. Cell Res. 1996 May 25;225(1):143-50.
			Radhika et al., "Induction Of Differentiation In Murine Erythroleukemia Cels By 1
ļ		30OD	Alpha,25-Dihydorxy Vitamin D3, Cancer Lett. 1995 Apr 14;90(2):225-30.
1	1 20	\langle	Abraham et al., "Role of Chlorophyllin As An In Vivo Anticlastogen: Protection Against
12			Gamma-Radiation And Chemical Clastogens, PubMed Abstract, Mutat Res 1994
<u>/</u>		310D	Sep;322(3):209-12.
		32OD	
		33OD	
ļ		34OD	
		35OD	
		36OD	
		37OD	
		38OD	
		39OD	
		40OD	
		410D	
		42OD	
		43OD	
		44OD	
,		45OD	
		46OD	
L		47OD	

EXAMINER:

DATE CONSIDERED:

Page 2 (Other Documents)

FORM PTO-1449 Modified List of Patents and Publications Cited by Applicant U.S. Patent Trademark Office U.S. App. No.: 10/245,790

Filing Date: 1/14/2002

Group: 1617 Applicant:Rosenbloom

Docket No.:QUIG-1006USCIP

ſ	Examiner	ltem	
Initial		No.	Other Documents (Including Author, Title, Date, Location and Pertinent Pages)
	590	7)	Roche, Certificate of Analysis for D-Panthenol, by C. Conduit, November 10,
1	10. 4	18OD	1999.
Ì	24 94	190D	Roche, Certificate of Analysis for di-Alpha Tocopheryl Acetate, by Karen Moll,
ļ	3 to 1	200D	March 3, 2000.
8	× 2		Roche, Certificate of Analysis for vitamin A Palmitate, by Dr. R. Schwetzler,
1		210D	May 2, 2000
7	AT & TRAN	/2100	Roche, Certificate of Analysis for Ascorbyl Palmitate, by Dr. K. Deutschman,
1	500	2200	November 12, 1999
1		22OD	
1		_23OD_	Healthnotes, "Quercetin", pages 1-3,
	500	24OD	Henahan J., <u>Dermatology Times</u> , "New Aqueous Vitamin C blocks UV rays" 1991
1		***************************************	American Academy of Dermatology, "Eczema/Atopic Dermatitis", 1999, pages 1-4,
ı		25OD	retrieved October 15, 2002 @ http://www.aad.org/pamphlets/eczema.html
1			Ponec M., et al., "The formation of competent barrier lipids in reconstructed hman
ı			epidermis requires the presence of vitamin C", <u>J Invest Dermatol</u> , 1997 Sep; 109(3): 348
ı		26OD	55
ı			Foster, James, "Sunburn", eMedicine Journal, August 21, 2001, Volume 2, Number 8,
١		27OD	downloaded June 17, 2002, pages 1-12 at http://www.emedicine.com/EMERG/topic798.htm
ı			ACHRE Report, "What is Ionizing Radition?", retrieved March 1, 2002, download @
		28OD	http://tis.eh.doe.gov/ohre/roadmap/achre/intro 9 1.html
1			Shuk-mei, H., "Drug Screening Methods for Estrogen Receptor Beta (Erb) Modulators",
			BioScience Valuation, Pharmalicensing, March 8, 2002, download retrieved March 8, 2002 @
		29ØD	http://atlas.pharmalicensing.com/licensing/displicopp/548
1			Hyatt, B.A., et al., "The Roles of FGF's, BMP4, and SHH in Transdifferentiaion of Mouse
İ	Jel))	Tracheal Epithelium in Mesenchyme-free Culture", Children's Hospital Medical Center,
		30OD	Cincinnati, Developmental Biology Annual Meeting, July 2001, Reprinted by Cepheid, pages 1-4
1			Li, Dengju et al., "Study the Regulative Function of Extracelluar Regulated Protein Kinases and
١			Telomerase in Apoptosis of Hepatocarcinomatous and Leukemic Cell Lines", Department of
1			Internal Medicine, Tongji Hospital, Tongji Medical College, Huazhong University of Science and
١		310D	Technology, Wuhan 430030, pages 1-13
Į	no W		Mirasolo, S., "Actinic Dermatitis (Sunburn)", Sports Medicine Articles, Northeast Rehab
4	390	005-	Health Network, retrieved January 10, 2002 @
J	/ /	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	http://www.rehabnet.com/Sports/Actinic%20Dermatitis.htm pgs 1-2
			Panah S., et al., <u>DiscoveR.</u> , "Homogeneous Assays for Tyrosine, Kinase and Tyrosine.
٦			Phosphatase-Activity-Using B-Galactosidase Enzyme Fragment Complementation", Abstract.
١		35OD 36OD	
ı		37OD	
		38OD	
		39OD	
		400D	
		410D	
ł		42OD	
ı	······		

EXAMINER:

DATE CONSIDERED:

(0/12/04

FORM PTO-1449 Modified
List of Patents and Publications Cited by Applicant
U.S. Patent Trademark Office

U.S. App. No.: 10/245,790 Filing Date:1/14/2002 Group: 1617 Applicant:Rosenbloom Docket No.:QUIG-1006USCIP

	Examiner	ltem_	Y
	Initial	No.	Other Documents (Including Author, Title, Date, Location and Pertinent Pages)
	<a>Q(Y	Himmerich S., et al., "Effect of Vitamins E and C on Nitric Oxide Production in Oxidized Low
		100	Density Lipoprotein Treated Human Aortic Endothelial Cells", Academic Press; 2000, internet
E	JC TO JULE	10D	download at http://www.academicpress.com/www/journal/niox/9204.html
	TOP THE	20D	Asahi K, et al., "Nitric Oxide Inhibits the Formation of Advanced Glycation End Products". Kidney Int 2000 Oct;58(4):1780-7
. 6	× 5	200	Van Acker et al., "Structural Aspects of Antioxidant Activity of Flavonoids", Free
1340	3/	30D	•
	TO SERVICE AND ADDRESS OF THE PARTY OF THE P		Radic Biol Med 1996;20(3):331-42
ATE	W/Y	40D	Roche Vitamins for Cosmetics, pages 1 to 5, September 4, 1985.
			Natural Medicine Online, "Quercetin: A Review of Clinical Applications" by L.
		SÓD	Stephen Coles M.D., Ph.D., pages 1 to 5.
	290X		"Ultraviolet Irradiation Injury and Repair" by Bernard Idson, Ph.D., January
	1:1	6OD	1992, pages 78 to 81.
			"Role of Nitric Oxide in Pain" by Jai Pal Singh, Doo Hyam Lee, Asavari Wagle
		70D	and David Lodge, 2000 Academic Press.
			"The Neuronal NO synthase inhibitor 7-nitro-indazole facilitates the
			antinociception elicited by the electrical stimulation of the secondary
			somatosensory cortex in the rat" by Ryotaro Kuroda, Atsufumi Kawabata,
		8OD	Naoyuki Kawao, Wakana Umeda, Hiroko Yoshimura, 2000 Academic Press.
		- 005	"Over-the Counter Drug is Treatment for Alzheimer's" by Terri Mitchell and
		9OD	Amber Needham, LE Magazine, November 2000, page 1 to 9.
-	 	900	"Ascorbate 6-palmitate protects human erythrocytes from oxidative damage",
		4000	
		100D	January 1999, PubMed.
			"Analgesic activity of certain flavone derivatives: a structure-activity study",
		110D	January 1993, PubMed.
			Medscape Medline Abstract, "The hydroxyl free radical reactions of ascorbyl
			palmitate as measured in various in vitro models" by Perricone N, Nagy K,
		120D	Horvath F, Dajko G, Uray I, ZsNagy I, September 1999.
			Medscape Medline Abstract, "Making vitamin C lipophilic enhances its
			protective effect against free radical induced peroxidation of low density
		130D	lipoprotein" by Liu ZQ, Ma LP, Liu ZL, September 1998.
			Medscape Medline Abstract, "Novel pharmacological activity of a vitamin (novel
			pharmacological action of vitamin D)", by Fukuoka M, Ohta T and Kiyoki M,
		_140D	October 1997.
		1.00	Medscape Medline Abstract, "A vitamin D(3) derivative (CB1093) induces nerve
	90	[growth factor and presents neurotrophic deficits in streptozotocin-diabetic rats",
•	V 1	15OD	by Riaz S, Malcangio M, Tomlinson DR, November 1999.
1	1	1300	Naturesrain, "Our Products work by returning you skin to it's natural state.
		160D	Here's-HowRestore Normal-NaPCA-levels"
			Quercetin, "Protect your Health With This Important Flavonoid", by Dr. David
		-170D	G. Williams, ImmuneSupport.com

EXAMINER:

DATE CONSIDERED:

10/12/04

FORM PTO-1449 Modified Documents Cited by Applicar



Page 1 (U.S. Patents)

U.S. App. No.: 10/045,790 Filed: January 14, 2002 Group: 1617 Applicant:Rosenbloom

Docket No.:QUIG-1006USCIP

Examiner	Item	B	D.4.	Alama	Class	Cubalas
nitial	No.	Document No.	Date	Name	Class	Subclass
599)	1US	5,561,110		Michaelis, et al.		
	2US	5,866,578	1	Mylari, et al.		
	3US	4,210,667	July 1, 1980	Sarges, et al.		
	4US	5,550,249	August 27, 1996	Della Valle, et al		
	5US	5,665,360		Mann		ļ
	6US	6,069,168		Horrobin, et al.		
	7US	4,232,040	November 4, 1980			
	8US	5,981,594	November 9, 1999			ļ
	9US	5,958,379	September 28, 1999			
	10US	5,840,736	November 24, 1998	Zelle, et al		
	11US	4,147,795	April 3, 1979			
	12US	5,011,840	April 30, 1991	Sarges, et al.	<u> </u>	<u> </u>
	13US	6,296,861	October 2, 2001	Perricone		
	14US	4,617,187	October 14, 1986	Okuyama, et al		ļ
	15US	4,822,816	April 18, 1989	Markham		-
	16US	5,070,085	Dec. 3, 1991	Markham		
	17US	5,614,224	Mar. 25, 1997	Womack		
	18US	5,976,579	Nov. 2, 1999	McLean		<u></u>
	19US	5,883,086	Mar. 16, 1999	Craft		
	20US	5,804,168	Sep. 8, 1998	Murad		
	21US	5,595,982	Jan. 21, 1997	Harless		
	22US	6,299,896	Oct. 9, 2001	Cooper et al.		
	23US	5,824,666	October 1, 1998	Deckner et al.		
	24US	5,922,335	July 1, 1999	Ptchelintasev, Dimitri	111	
	25US	4,250,097	February 1, 1981	Pfister, Jurg R.		
	26US	6,555,573	April 1, 2003	Rosenbloom, Richard Allen		
	27US	4,627,973	December 1, 1986	Moran et al		
	28US	6,054,128A	April 1, 2000	Wakat, Diane		
	29US	6,051,602	April 1, 2000	Bissett, Donald Lynn		
	30US	5,686,082	November 1, 1997	N'Guyen, Quang-Lan		
	31US	5,648,083	July 1, 1997	Blieszner et al		
	32US	5,972,999	October 1, 1999	Murad, Howard		
	33US	5,709,868	January 1, 1998	Perricone, Nicholas V.		
	34US	5,872,140	February 1, 1999	Hesse et al.		
	35US	5,972,359	October 1, 1999	Sine et al.		
	36US	6,162,801		Kita		
	37US	6,048,886	April 1, 2000	Neigut		1
	38US	5,876,737	March 1, 1999	Schonrock et al.		
	39US	5,952,391	September 1, 1999	Gers-Barlag et al.		†
	40US	5,976,568	November 1, 1999	Riley		
	41US	5,770,260	July 1, 1998	Kim et al.		-
17	42US	6,592,896	July 15, 2003	Rosenbloom, Richard Allen		
JASY -	43US	6,596,313	July 22, 2003	Rosenbloom, Richard Allen		
7-0	44US	3,420,010	12., 22, 2000	, in the state of		
	45US				 	
*****************	46US		 			
	47US		 			 -

EXAMINER:

DATE CONSIDERED:

Sel 10/12/04

FORM PTO-1449 Modified Documents Cited by Applicant 1890 TO TRACE

Page 1 (Foreign)

U.S. App. No.:10/ 045,790 Filing Date:January 14, 2002

Group:1617

Applicant: Rosenbloom Docket No.:QUIG-1006USCIP

Docket No QUIG-100605C			
ranslatio			
(Yes/No)			
es			
es			
/			
/-			
/_			
$-\!\!\!\!/-$			
/			
			
·			

····			
····			

EXAMINER:

DATE CONSIDERED:

Page 1 (U.S. Patents)

FORM PTO-1449 Modified **Documents Cited by Applicant**

U.S. App. No.: 10/045,790 Filed: January 14, 2002

Group: 1617

Applicant:Rosenbloom
Docket No.:QUIG-1006USCIP

Examinar :		:				ļ	i
initial ~	No.	Document No.	Date		Name	Class	Subclass
100	1US	5,776,460;	July 7, 1998	Kim et al.			!
7	2US :					, ;	:
	3US						1
· · · · · · · · · · · · · · · · · · ·	4US			:		:	
:	5US			:		<u>;</u>	
<u></u> . ;	6US	· · · · · · · · · · · · · · · · · · ·		:	*********		
:	7US -			:			1
	8US						· į.
:	9US :						-} -
	10US				***************************************	İ	1
	11US :	:			***************************************	·····	1
	12US	•	······································	;	,·, ¬,,	i	
	13US						* }
:	14US		***************************************	:			:
	15US :	:	J (7-7-11-11)			!	:
i	16US		***************************************	· ,			***************************************
······································	17US	:		······································	•		:
	18US :	i		<u> </u>			
	19US		····	,			:
	20US		·	•		· · · · · · · · · · · · · · · · · · ·	
	21US				***************************************	!	
	22US			· · · · · · · · · · · · · · · · · · ·			•
		<u></u>				i	ī
, ,,,	24US :					<u> </u>	: -
	25US	· · · · · · · · · · · · · · · · · · ·					· <u> </u>
<u> </u>	26US :						
:	27US	······································	· · · · · · · · · · · · · · · · · · ·				:
_~ ~ ~~~~~	28US					-	
· · · · · · · · · · · · · · · · · · ·	29US	!			,~		
:	30US	· .					
	31US	· · · · · · · · · · · · · · · · · · ·		:	***************************************		:
	32US			1			•
	33US ·			:			
	34US	!					
 :	35US		·	- i	·	- i	
	36US	:			······································	<u>-</u>	· · · · · · · · · · · · · · · · · · ·
<u>-</u> -	37US			· ;			·
<u>-</u>	38US ,	44., 1	······································			<u> </u>	•
	39US						:
<u>i</u>	40US :	· ····		*		 ,	÷
	41US :						3
i :	42US :						*
· · · · · ·	42US :			·			
	44US :			-			<u>!</u>
	45US	: : : : : : : : : : : : : : : : : : :	*				<u> </u>
	4505 460S ;			<u>. </u>			<u>:</u>
<u>:</u>	4005 ;					<u> </u>	:

EXAMINER: DATE CONSIDERED: PAGE 80/95 * RCVD AT 6/24/2004 11:50:35 AM [Eastern Daylight Time] * SVR:USPTO-EFXRF-1/1 * DNIS:8729306 * CSID: * DURATION (mm-ss):26-56